DOCUMENT FOR INCOMPLETE VEHICLE APPLICABLE TO THE 2020 MODEL YEAR CHEVROLET BOLT LIGHT COMMERCIAL VEHICLE

General Motors, Renaissance Center
P.O. Box 300
Detroit, Michigan 48265-3000
www.gm.com

DO NOT REMOVE

THIS DOCUMENT MUST REMAIN WITH THIS VEHICLE UNTIL IT IS CERTIFIED AS A COMPLETED VEHICLE

PLACE LABEL HERE

The Label affixed here includes the following information:

- the name of the incomplete vehicle manufacturer;
- the month and year the incomplete vehicle manufacturer performed its last manufacturing operation on the incomplete vehicle;
- the vehicle identification number (VIN);
- the Gross Vehicle Weight Rating (GVWR) expressed in kg (lb), intended for the vehicle when it is a completed vehicle;
- The Gross Axle Weight Rating (GAWR) expressed in kg (lb), intended for each axle of the vehicle when it is a completed vehicle, listed in order from front to rear.

This document is furnished as required by the Canada Motor Vehicle Safety Act and United States (U.S.) Federal Motor Vehicle Safety Regulations (FMVSR) to aid intermediate and final stage manufacturers in their determination of conformity of the completed vehicle with applicable Canada Motor Vehicle Safety Standards (CMVSS) and U.S. Federal Motor Vehicle Safety Standards (FMVSS). Also included are instructions which must be followed in order to assure that Environmental Protection Agency (EPA) and California Air Resources Board (CARB) emission certification requirements, U.S. National Highway Traffic Safety Administration (NHTSA) Fuel Economy Regulations and Environmental Protection Agency (EPA) Greenhouse Gas Regulations are met.

This document is not a substitute for knowledge and understanding of the requirements of the Canada Motor Vehicle Safety Act, Federal Motor Vehicle Safety Regulations (FMVSR), or applicable Canada Motor Vehicle Safety Standards (CMVSS) and Federal Motor Vehicle Safety Standards (FMVSS). Intermediate and final stage manufacturers should be familiar with the Regulations and Standards referred to above to be aware of their specific responsibilities as they relate to the final destination and sale of each incomplete vehicle.

Any intermediate or final stage manufacturer making material alterations to this incomplete vehicle during the process of manufacturing the complete vehicle should be constantly vigilant to recognize all the effects, either direct or indirect, on other components, assemblies or systems caused by any alteration. No alteration should be made to the incomplete vehicle that directly or indirectly results in any component, assembly or system being in nonconformance with any applicable Canada Motor Vehicle Safety Standard or Federal Motor Vehicle Safety Standard or Emission Regulation or Fuel Economy/Greenhouse Gas Regulation.

The statements contained in this Incomplete Vehicle Document are accurate as of the date of manufacture of the Incomplete Vehicle and can be relied on by any intermediate and/or final stage manufacturer as a basis for certification.

Printed in U.S.A. 2020 PART NO. 84486648

INTRODUCTION

This document contains information relative to conformance of this incomplete vehicle with the following:

Part I - FEDERAL MOTOR VEHICLE SAFETY STANDARDS AND CANADA MOTOR VEHICLE SAFETY STANDARDS

Part II - U.S. ENVIRONMENTAL PROTECTION AGENCY, STATE OF CALIFORNIA, AND CANADIAN EMISSION REQUIREMENTS AND NHTSA FUEL ECONOMY REQUIREMENTS

PART I

This section contains a list of Canada Motor Vehicle Safety Standards (CMVSS), and Federal Motor Vehicle Safety Standards (FMVSS), followed by a section entitled "Statements Regarding Canada Motor Vehicle Safety Standards (CMVSS), and Federal Motor Vehicle Safety Standards (FMVSS)". In the latter section, an appropriate statement of applicability is made for each standard, and by vehicle type, as it relates to the incomplete vehicle.

Listing of vehicle types as defined in Part 571.3 that this incomplete vehicle may be appropriately manufactured: Truck

The identifiers TYPE 1, TYPE 2 or TYPE 3 prefix the statements (of applicability) regarding Canada Motor Vehicle Safety Standards (CMVSS), and Federal Motor Vehicle Safety Standards (FMVSS). "Examples" of these statements follow:

TYPE 1 A statement that the vehicle when completed will conform to the standard if no alterations are made in identified components of the incomplete vehicle. EXAMPLE: This vehicle when complete will conform to CMVSS 104 and FMVSS No. 104, Windshield Wiping and Washing Systems, if no alterations are made in the windshield wiper components.

TYPE 2 A statement of specific conditions of final manufacture under which the manufacturer specifies that the completed vehicle will conform to the standard. EXAMPLE: This vehicle when completed will conform to CMVSS 121 and FMVSS 121, Air Brake Systems, if it does not exceed any of the gross axle weight ratings, if the center of gravity at GVWR is not higher than ## feet above the ground, and if no alterations are made to any brake system component.

TYPE 3 A statement that conformity with the standard cannot be determined based upon the components supplied on the incomplete vehicle, and that the incomplete vehicle manufacturer makes no representation to conformity with the standard.

In accordance with the requirements of Canada Motor Vehicle Safety Regulations, and Federal Motor Vehicle Safety Regulations Part 568.4, the following information is included on the label affixed to the front cover of this document:

- the name of the incomplete vehicle manufacturer;
- the month and year the incomplete vehicle manufacturer performed its last manufacturing operation on the incomplete vehicle;
- the vehicle identification number (VIN);
- the Gross Vehicle Weight Rating (GVWR) expressed in kg (lb), intended for the vehicle when it is a completed vehicle;
- the Gross Axle Weight Rating (GAWR) expressed in kg (lb), intended for each axle of the vehicle when it is a completed vehicle, listed in order from front to rear.

In addition, the final stage manufacturer is responsible under Canada Motor Vehicle Safety Regulations, and Federal Motor Vehicle Safety Regulations and Part 567.5, to place the GVWR and the GAWR of each axle, on the Final Vehicle Certification Label. Required on the label is the "Gross Vehicle Weight Rating" or "GVWR" followed by the appropriate value in kilograms and (pounds), which shall not be less than the sum of the unloaded vehicle weight, rated cargo load, and 68 kg (150 lb) times the number of the vehicle's designated seating positions, if known. However, for school buses the minimum occupant weight allowance shall be 54.4 kg (120 lb) per passenger and 68 kg (150 lb) for the driver.

Unloaded Vehicle Weight means the weight of a vehicle with maximum capacity of all fluids necessary for operation of the vehicle, but without cargo, occupants or accessories that are ordinarily removed from the vehicle when they are not in use.

During the completion of this vehicle, GVWR and GAWR may be affected in various ways, including but not limited to the following:

- The installation of a body or equipment that exceeds the rated capacities of the Incomplete Vehicle.
- The addition of designated seating positions that exceed the rated capacities of the Incomplete Vehicle.
- Alterations or substitution of any components such as axles, springs, tires, wheels, frames, steering and brake systems that may affect the rated capacities of the Incomplete Vehicle.

MASS TABLE A
MAXIMUM ALLOWABLE UNLOADED VEHICLE WEIGHTS

Unloaded Vehicle Weight	GVWR	GAWR Front	GAWR Rear	Tire Size	Tire Pressure Front	Tire Pressure Rear
1631 (3596 lb)	***2119 (4672 lb)***	***1060 (2337 lb)***	***1100 (2425 lb)***	**205/55R16**	**38 psi**	**38 psi**

If you have questions regarding the information in this document, contact GM Upfitter Integration through their website located at www.gmupfitter.com

PART I – CHART A

LIST OF CANADA MOTOR VEHICLE SAFETY STANDARDS (CMVSS) AND
FEDERAL MOTOR VEHICLE SAFETY STANDARDS (FMVSS), APPLICABLE TO THE TRUCK.

SEE STATEMENTS REGARDING CMVSS AND FMVSS ON PAGES THAT FOLLOW

CMVSS NO.	FMVSS NO.	TITLE	TRUCK
1106	-	Exterior noise	1
ICES-002	-	Canada interference causing equipment standard	1
101	101	Controls and displays	1
102	102	Transmission shift position sequence, starter interlock and transmission braking effect	1
103	103	Windshield defrosting and defogging systems	1
104	104	Windshield wiping and washing systems	1
106	106	Brake hoses, hydraulic, air and vacuum	1
108	-	Daytime running lamps	1
108	108	Lamps, reflective devices and associated equipment	1
110	110	Tire selection and rims for motor vehicles with a GVWR of 4536 kg (10,000 lb) or less	2
111	111	Rear visibility	1
113	113	Hood latch system	1
114	114	Theft protection and rollaway prevention	1
115	-	Vehicle identification number	1
116	116	Motor vehicle brake fluids	1
118	118	Power operated window, partition and roof panel systems	1
124	124	Accelerator control systems	1
126	126	Electronic stability control systems	2
135	135	Light vehicle brake systems	2
-	138	Tire pressure monitoring systems	2
141	141	Minimum sound requirements for hybrid and electric vehicles	1
201	201	Occupant protection in interior impact	1,3
202	202A	Head restraints	1
203	203	Impact protection for the driver from the steering control system	1
204	204	Steering control rearward displacement	1
205	205	Glazing materials	1
206	206	Door locks and door retention components	1
207	207	Seating systems	1
208	208	Occupant crash protection	2,3
209	209	Seat belt assemblies	1,3
210	210	Seat belt assembly anchorages	1
210.1	-	User-ready Tether Anchorages for Restraint Systems and Booster Seats	2,3
212	212	Windshield mounting	1
213.4	213	Built-in child restraint systems and built-in booster cushions	3

CMVSS NO.	FMVSS NO.	TITLE	TRUCK
214	214	Side impact protection	2
216	216a	Roof crush resistance	2
219	219	Windshield zone intrusion	1
220	220	School bus rollover protection	3
-	225	Child restraint anchorage system	2,3
226	226	Ejection Mitigation	1
302	302	Flammability of interior materials	1,3
305	305	Electric-powered vehicles: electrolyte spillage and electrical shock protection	2
-	403	Platform Lift Systems	3
-	404	Platform Lift Systems Installations in Motor Vehicles	3

- TYPE 1, 2 or 3 numbers to the right-hand side of the table above designate the statement TYPE(S) associated with the CMVSS and/or FMVSS standards that follow.

Statements Regarding Canada Motor Vehicle Safety Standards (CMVSS), and Federal Motor Vehicle Safety Standards (FMVSS)

CMVSS 1106 – EXTERIOR NOISE
Applies to all types of Incomplete Vehicles Contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

A. This incomplete vehicle, when completed, will conform to the above standard providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below (if equipped):

- Alternator
- Axles/halfshafts/propshaft
- Electric propulsion system
- Exterior noise generating devices
- Exterior rearview mirror assemblies
- Front of dash sound deadening material
- Hood assembly including sound deadening material and seals
- Power steering pump
- Propulsion system control and logic
- Propulsion system cooling fan and motor assemblies
- Radiator/condenser assembly to body seals
- Tires (including correct tire pressure)
- Underbody shields including air deflector
- Wheelhouse liners and shields

B. Final compliance with CMVSS 1106 is the responsibility of the final stage manufacturer for any modifications, added material, components, or systems.

INTERFERENCE CAUSING EQUIPMENT STANDARD (CANADA ONLY) – ICES-002
Applies to all types of Incomplete Vehicles Contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles with spark ignition engines contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to the performance requirements of the above standard provided no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- Low volatage battery
- Charging System
- High voltage battery
- Electric propulsion system
- BCM/SDM

The final stage manufacturer must provide a statement of compliance on the Final Stage Manufacturer's Compliance Label with the following bilingual information in order to comply with Industry Canada's Interference Causing Equipment Standard ICES/NMB-002:

ICES/NMB-002

CMVSS 101 and FMVSS 101 – CONTROLS AND DISPLAYS
Applies to all types of Incomplete Vehicles Contained in this Document

TYPE 1 The following statement is applicable to all types of Incomplete Vehicles contained in this document as noted above (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 101 and FMVSS 101 providing no alterations are made which affect the size, location, identification or illumination of the controls and displays or the location, travel and type of driver's seat, as manufactured by General Motors.

The following controls must be operable, and the following displays for the following functions and shall be fitted in such a manner that they are identifiable, by the driver while the driver is seated in the driver's designated seating position with the driver's seat belt fastened around the driver in accordance with the manufacturer's instructions:

Hand operated controls (if equipped):

- Automatic vehicle speed (cruise control)
- Clearance lamps (switch)
- Clutch
- Driver's sun visor
- Engine start
- Engine stop
- Electric park brake switch
- Electronic stability control system "off"
- Hazard warning signal
- Hazard warning switch
- Headlamps
- Headlamp high or low beam switch
- Heating and air conditioning fan
- Heating and air conditioning system
- Horn
- Illumination intensity
- Master lighting switch
- Position, side marker, end-outline marker lamps
- Rear window defogging and defrosting systems
- Steering wheel
- Tail lamps
- Turn signal
- Windshield defogging and defrosting systems
- Windshield washer (washing system)
- Windshield wiper (wiping system)

Foot operated controls (if equipped):

- Accelerator
- Headlamp high or low beam switch
- Service brake pedal
- Tail lamp
- Windshield washer (washing system)
- Windshield wiper (wiping system)

Displays (if equipped):

- Antilock brake system malfunction
- Battery charging condition
- Brake lining wear-out condition
- Brake system malfunction (Canada - ISO symbol)
- Brake Pressure (system loss)
- Electrical charge
- Electronic stability control system "off"
- Electronic stability control system malfunction
- Coolant temperature
- Fuel level
- Gross loss of brake pressure condition
- Hazard warning signal
- Headlamp high beam
- Low brake air pressure telltale
- Low brake fluid condition
- Low tire pressure indication (see MVSS 138)
- Odometer (Canada must be metric)
- Passenger air bag Status
- Parking brake applied
- Regenerative brake system malfunction
- Seat belt (unfastened telltale)
- Speedometer (Canada must be metric)
- Tire pressure monitoring system malfunction
- Turn signal(s)
- Variable brake proportioning system malfunction

If the intermediate or final stage manufacturer installs any of the above controls and displays, they must also meet the requirements of this standard.

CMVSS 102 and FMVSS 102 – TRANSMISSION SHIFT POSITION SEQUENCE, STARTER INTERLOCK AND TRANSMISSION BRAKING EFFECT
Applies to all types of Incomplete Vehicles Contained in this Document

TYPE 1 The following statement is applicable to all incomplete vehicle types contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 102 and FMVSS 102 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below (if equipped):

Automatic (AT) or Manual (MT) Transaxle/Transmission control and identification system, including but not limited to:

- AT floor shift mechanism
- AT gear ratios and final drive ratio
- AT gear shift sequence and control logic (electrical or mechanical)
- AT neutral safety switch assembly and wire
- AT position indicator linkage and display
- AT steering column assembly
- Automatic transmission/transaxle assembly
- Brake - AT interlock controls
- Electric starter interlock controls
- AT or MT shift position pattern (knob, plate or label)
- Vehicle wiring harnesses

CMVSS 103 and FMVSS 103 – WINDSHIELD DEFROSTING AND DEFOGGING SYSTEMS
Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 103 and FMVSS 103 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below (if equipped):

Windshield defrosting and defogging systems, including but not limited to:

- Chassis and instrument panel wiring harness assembly
- Defroster air distributor assembly (manifold)
- Defroster air duct assembly
- Defroster air hoses (distributor to nozzle)
- Defroster air to windshield outlet assembly (nozzle) (it affects blower speed)
- Defroster outlet to heater assembly adapter
- Coolant pump
- Water outlet thermostat assembly
- Heater and air conditioning wiring harness
- Heater and defroster assembly (including motor and blower)
- Heater and defroster control (electrical, mechanical, vacuum)
- Heater and radiator hoses/hose assemblies
- Heater blower motor speed control
- Side window defroster ducts
- Vacuum control hoses and electric actuators
- Windshield assembly
- Electric Heater

CMVSS 104 and FMVSS 104 - WINDSHIELD WIPING AND WASHING SYSTEMS
Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 104 and FMVSS 104 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment,

location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below (if equipped):

Windshield wiping and washing systems, including but not limited to:

- Vehicle wiring harness and electrical controls
- Washer reservoir cap
- Water reservoir filler assembly
- Windshield assembly
- Windshield module attachments
- Windshield washer fluid reservoir
- Windshield washer nozzle
- Windshield washing system hoses
- Windshield wiper arm assembly
- Windshield wiper blade assembly
- Windshield wiper linkage assembly
- Windshield wiper/washer control
- Windshield wiper/washer motor/pump assembly

CMVSS 106 and FMVSS 106 – BRAKE HOSES, HYDRAULIC, AIR AND VACUUM
Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 106 and FMVSS 106 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- Hydraulic, Air, and Brake Hoses and assemblies
- Labeling requirements

CMVSS 108 – DAYTIME RUNNING LAMPS
Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed will conform to the Daytime Running Lamps (DRL) requirements of CMVSS 108 providing no alterations are made to the ignition switch, DRL system components or wiring, and any vehicle forward lighting as manufactured by General Motors.

CMVSS 108 and FMVSS 108 – LAMPS, REFLECTIVE DEVICES AND ASSOCIATED EQUIPMENT
Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 108 and FMVSS 108 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- Back-up lamps
- Body control module (BCM)
- Center high mounted stop lamp
- Daytime running lamps controls and wiring (Canada)
- Front side marker lamps
- Front side reflex reflectors
- Headlamp highbeam indicator
- License plate lamp
- Owner manual instructions
- Park lamps
- Rear side marker lamps
- Rear side reflex lamps
- Rear reflex reflectors

Front turn signal lamps
Hazard warning flasher
Hazard warning signal operating unit
Headlamps
Headlamp dimmer switch
Rear turn signal lamps
Stop lamps
Tail lamps
Turn signal control

CMVSS 110 and FMVSS 110 – TIRE SELECTION AND RIMS FOR MOTOR VEHICLES WITH A GVWR OF 4536 kg (10,000 lb) OR LESS

Applies to all types of Incomplete Vehicles contained in this Document

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 110 and FMVSS 110, providing:

A. No alterations are made which affect the function, physical or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to:

Owner Manual instructions
Tires
Wheels

B. GVWR, GAWR front and rear weight ratings as listed in Mass Table A at the beginning of this document are not exceeded.

C. The tire and wheel, GVWR, GAWR information shown in Mass Table A at the beginning of this document must be transferred to the Final Stage Manufacturer's certification label and Tire placard in compliance with CMVSR 6.6(1) and CMVSS 110 or FMVSR 567.5 and FMVSS 110.

CMVSS 111 and FMVSS 111 – REAR VISIBILITY

Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document, (unless otherwise noted on the cover).

This incomplete vehicle will conform to CMVSS 111 and FMVSS 111 providing:

A. No alterations or substitutions are made to the outside mirrors or inside mirrors furnished with the vehicle,

B. The driver's seat location is not altered,

C. The body width is not increased, and

D. The body remains symmetrical about the vehicle centerline.

E. The GVWR is not changed.

CMVSS 113 and FMVSS 113 – HOOD LATCH SYSTEM

Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 113 and FMVSS 113 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Hood latch systems, which may include but are not limited to:

- Hood latch (catch) assembly
- Hood latch cable release system including controls
- Hood latch pilot
- Hood latch striker plate (hook) and reinforcements
- Hood latch support assembly

CMVSS 114 and FMVSS 114 – THEFT PROTECTION AND ROLLAWAY PREVENTION
Applies to all types of Incomplete Vehicles Contained in this Document
4536 kg (10,000 lb) GVWR or less

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document, 4536 kg (10,000 lb) GVWR or less (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 114 and FMVSS 114 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- Electric propulsion system interlock controls
- Electronic Immobilizer
- Ignition key
- Ignition key warning chime system
- Remote keyless entry system
- Remote start system
- Owner Manual Instructions
- Steering column lock assembly
- Electric Drive Unit

CMVSS 115 – VEHICLE IDENTIFICATION NUMBER
Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 115 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- The Vehicle Identification Number (VIN)
- VIN label or plate
- VIN plate fasteners

CMVSS 116 and FMVSS 116 – MOTOR VEHICLE BRAKE FLUIDS
Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

The hydraulic brake fluid in this incomplete vehicle, as manufactured by General Motors, will conform to CMVSS 116 and FMVSS 116 providing no alterations are made which affect the physical or chemical properties of the brake fluid.

CMVSS 118 and FMVSS 118 – POWER OPERATED WINDOW, PARTITION AND ROOF PANEL SYSTEMS
Applies to all types of Incomplete Vehicles Contained in this Document 4536 kg (10,000 lb) GVWR or less

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document, 4536 (10,000 lb) GVWR or less (unless otherwise noted on the cover).

This incomplete vehicle, if equipped by General Motors with power windows, when completed, will conform to CMVSS 118 and FMVSS 118 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below (if equipped):

- Power window electrical system
- Power window operating system
- Power window operating system control logic
- Window glazing material

Final compliance with CMVSS 118 and FMVSS 118 is the responsibility of the final stage manufacturer for any modifications, or added material, components, or systems.

CMVSS 124 and FMVSS 124 – ACCELERATOR CONTROL SYSTEMS
Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 124 and FMVSS 124 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Accelerator control systems, including but not limited to:

- Accelerator pedal hardware, electronics, controls and its interactions with the ECM and SPIM (single power inverter module)
- Cruise control module, wiring and cable (if equipped)
- Electronic control assembly and related wiring
- Floor covering material must not be installed under pedal or within 25.4 mm (1 in) of side of pedal
- Lever, throttle or accelerator and supporting bracket
- Pedal-throttle or accelerator and attachments
- Spring(s) - throttle or accelerator return

CMVSS 126 and FMVSS 126 – ELECTRONIC STABILITY CONTROL SYSTEMS
Applies to all types of Incomplete Vehicles Contained in this Document 4536 kg (10,000 lb) GVWR or less

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document, 4536 kg (10,000 lb) GVWR or less (unless otherwise noted on the cover).

This incomplete vehicle when completed will conform to CMVSS 126 and FMVSS 126 provided it is completed in accordance with the following specific conditions by the (intermediate and) final stage manufacturer:

A. Providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Anti-Lock Brake, Traction Control and Electronic Stability control system, including sensors and control module
Brake assemblies and components (service/ parking) - (i.e. power boosters, master cylinder, wheel cylinder, calipers, rotors, wheel speed sensor, wheel speed sensor wiring, brake lining etc.)
Brake pedal, brake switch, parking brake hand lever or park brake switch and related mechanical components
Brake system electrical controls and logic
Gauges and warning devices, and statements
Hydraulic brake fluid and reservoirs
Hydraulic brake lines, fittings and routings
Hydraulic brake valves and components
Hydraulic pumps
Master cylinder-warning statement
Owner Manual instructions
Parking brake actuator and related mechanical components
Power steering lines and routing
Tires and Wheels
Stability control system, including control module, sensors and software calibrations
Steering control system including related hardware
Suspension components (i.e. bushings, control arms, shocks, springs, sway bars)
Vehicle wiring harnesses
Regenerative charging system

B. GVWR, GAWR front and rear weight ratings as listed on the Incomplete Vehicle Label affixed to the front cover of this document must not be exceeded.

C. The Tire Pressures as listed in Mass Table A in the beginning of this document must be followed.

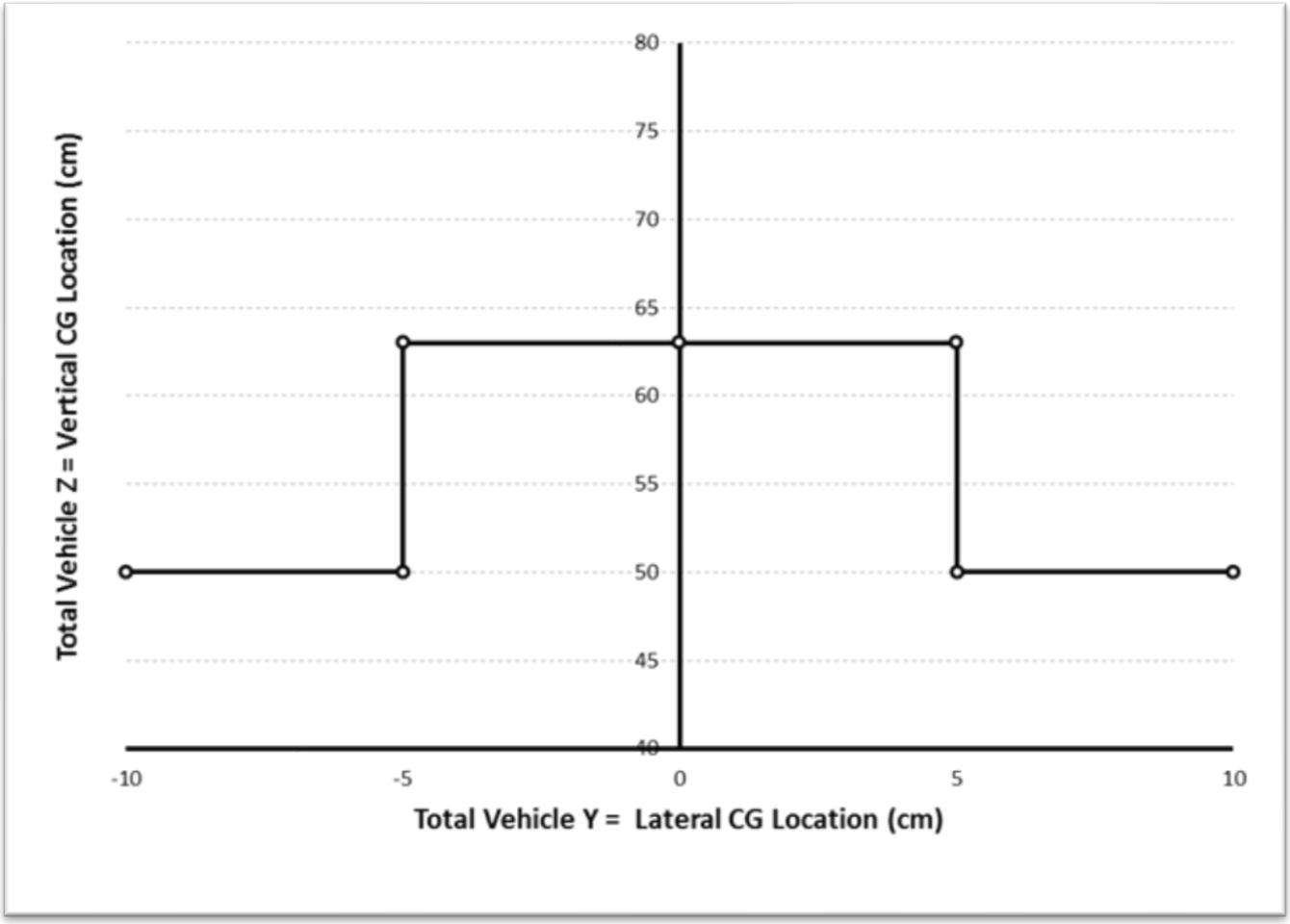
D. The Maximum Completed Vehicle Unloaded Weight restrictions as shown in Mass Table A in the beginning of this document, must not be exceeded.

E. The center of gravity of the total vehicle falls within the areas referenced on the CMVSS 126 and FMVSS 126 Compliance Certification "X = Longitudinal, Y = Lateral and Z = Vertical Center of Gravity (CG) Restrictions" charts that follow. Instructions for determining the allowable center of gravity variation are listed below:

Chevrolet Bolt EV 205/55R16 Goodyear Assurance
CMVSS 126 and FMVSS 126 Compliance Certification
"X = Longitudinal, Y = Lateral and Z = Vertical Center of Gravity (CG) Restrictions"

Model Identification	Completed Vehicle Wheelbase in mm (in)	Maximum Allowable Completed Vehicle Curb Weight kg (lb) (no passengers)	Front/Rear Tire Pressures in kpa (psi)	@ Maximum X Longitudinal CG Location from Front Axle CL cm (in)	@ Y – Lateral CG Offset Location mm (in)		
					-5 (2)	0	5 (2)
LCV	2600 (102")	1848 (4075 lb)	260 (38 psi) / 260 (38 psi)	115 (45.3)	57 (22.4)	57 (22.4)	57 (22.4)
	2600 (102")	1848 (4075 lb)	260 (38 psi) / 260 (38 psi)	120 (47.2)	60 (23.6)	60 (23.6)	60 (23.6)
	2600 (102")	1848 (4075 lb)	260 (38 psi) / 260 (38 psi)	125 (49.2)	63 (24.8)	63 (24.8)	63 (24.8)
	2600 (102")	1848 (4075 lb)	260 (38 psi) / 260 (38 psi)	130 (51.2)	63 (24.8)	63 (24.8)	63 (24.8)
	2600 (102")	1848 (4075 lb)	260 (38 psi) / 260 (38 psi)	135 (53.2)	63 (24.8)	63 (24.8)	63 (24.8)
					^^^ Maximum Z - Vertical CG Height Restriction Values ^^^		

CMVSS 126 and FMVSS 126 Compliance Certification Y = Lateral and Z = Vertical Center of Gravity Restriction Visual Representation <u>EXAMPLE</u> shown in centimeters



For upfitter use and applicable to CMVSS 126 and FMVSS 126, the longitudinal and vertical vehicle center of gravity location can be approximated by following the formula below and by referencing data elements within CMVSS 105 and FMVSS 105 – HYDRAULIC AND ELECTRIC BRAKE SYSTEMS or CMVSS 135 and FMVSS 135 LIGHT VEHICLE BRAKE SYSTEMS, … ALLOWABLE CENTER OF GRAVITY CHARTS.

$$d = \frac{[Wrc + Wrb]\ WB}{Wt}$$

$$h = \frac{[h1*Wc + h2*Wb]}{Wt}$$

d	=	horizontal distance from front wheels to completed vehicle center of gravity cm (in)
h	=	vertical distance from ground to completed vehicle center of gravity cm (in)
Wrc	=	rear component of Chassis weight kg (lb)
Wrb	=	rear component of body weight kg (lb)
WB	=	vehicle wheelbase cm (in)
Wt	=	total weight of chassis and body kg (lb)
h1	=	center of gravity height from ground of the Bare Chassis: Based on model applicability, refer to the h1 values listed in this document within: CMVSS 105/FMVSS 105 - HYDRAULIC AND ELECTRIC BRAKE SYSTEMS, or CMVSS 135/FMVSS 135 - LIGHT VEHICLE BRAKE SYSTEMS.
Wc	=	total weight of vehicle as manufactured by General Motors kg (lb)
h2	=	center of gravity height of body from ground cm (in)
Wb	=	total weight of body kg (lb)

In addition, the equation to calculate the lateral vehicle center of gravity location from center of vehicle can be estimated by using the following formula:

lateral offset from centerline of vehicle = [{(RF corner weight kg (lb) + RR corner weight) kg (lb) / (total vehicle weight kg (lb))} - 0.5] * vehicle track width of 1721.0 mm (67.8in).

If the lateral offset from centerline of vehicle calculation above results in a positive number, the lateral vehicle offset center of gravity is toward the right side (passenger) of the vehicle.

Alternatively, if the lateral offset from centerline of vehicle calculation above results in a negative number, the lateral vehicle offset center of gravity is toward the left side (driver) of the vehicle.

CMVSS 135 and FMVSS 135 – LIGHT VEHICLE BRAKE SYSTEMS

Applies to all types of Incomplete Vehicles Contained in this Document with a 3500 kg (7,716 lb) GVWR or less

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document with a 3500 kg (7,716 lb) GVWR or less (unless otherwise noted on the cover).

This incomplete vehicle when completed will conform to CMVSS 135 and FMVSS 135 provided the intermediate or final stage manufacturer complete it in accordance with the following specific conditions:

A. Provided no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

- Anti-Lock Brake System
- Brake assemblies and components (service/parking) (i.e. power boosters, master cylinder, wheel cylinder, calipers, rotors, wheel speed sensor, wheel speed, sensor wiring, brake lining etc.)
- Brake pedal, brake switch, parking brake hand lever or park brake switch and related mechanical components
- Brake system electrical controls and logic
- Gauges and warning devices, and statements
- Hydraulic brake fluid and reservoirs
- Hydraulic pumps
- Hydraulic brake lines, fittings and routings
- Hydraulic brake valves and components
- Master cylinder-warning statement
- Owner Manual instructions
- Parking brake actuator and related mechanical components
- Regenerative Charging System
- Tires and Wheels
- Vehicle wiring harnesses

B. The percent front weight at GVWR and percent front weight in CMVSS 135 and FMVSS 135 lightly loaded condition are met as tabulated below per completed vehicle wheel base and vehicle type.

CMVSS 135 and FMVSS 135 BRAKE TABLE

Completed Vehicle Wheelbase		Vehicle Type	Percent of Front Weight at GVWR (percent)	Percent of Front Weight in Standard 135 Lightly Loaded Condition (percent)
mm	inches			
2600	102	K1T	47.4 – 50.6	52.8 – 58.2

C. The GVWR, GAWR front and rear weight ratings as listed on the Incomplete Vehicle Label affixed to the front cover of this document must not be exceeded.

D. The maximum vertical center of gravity cannot exceed the Z = Vertical Center of Gravity (CG) Restrictions at the 0 mm (in) Y – Lateral CG Offset Location shown in the "… CMVSS 126 and FMVSS 126 Compliance Certification … Restrictions," table.

FMVSS 138 – TIRE PRESSURE MONITORING SYSTEM (If Equipped)
Applies to all types of Incomplete Vehicles Contained in this Document with a 4536 kg (10,000 lb) GVWR or less

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document with a 4536 kg (10,000 lb) GVWR or less (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to FMVSS 138, providing the vehicle is equipped with a Tire Pressure Monitoring System (TPMS) installed by General Motors and no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

- Body control module
- Instrument panel cluster
- Owner Manual Instructions
- Remote start coax antennae (if equipped)
- Tires and Wheels
- TPMS receiver module
- TPMS sensors integral to the valve stems
- Vehicle wiring harness

All incomplete vehicles shipped from the General Motors assembly plant may have tire pressures set for shipping purposes only. It is the responsibility of the final stage manufacturer to label the vehicle in compliance to FMVSS 138. In addition, it is the responsibility of the final stage manufacturer to ensure the TPMS system is calibrated to the values printed on the final stage manufacturer's Tire Certification Label or Tire Information Label.

Wheelbase alteration, and/or addition of components may interfere with the TPMS radio frequency signal that may result in a malfunction warning displayed in the Driver Information Center (DIC)

CMVSS 141 and FMVSS 141 – MINIMUM SOUND REQUIREMENTS FOR HYBRID AND ELECTRIC VEHICLES
Applies to all types of Incomplete Vehicles Contained in this Document with a 4536 kg (10,000 lb) GVWR or less

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 141 and FMVSS 141 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, of the Pedestrian Friendly Alert Function (PFAF) as manufactured by General Motors, including but not limited to those listed below:

- BCM
- PFAF harnesses
- PFAF module
- PFAF speakers

CMVSS 201 and FMVSS 201 – OCCUPANT PROTECTION IN INTERIOR IMPACT

MVSS 201 contains two components: 201L (Lower Interior, FMVSS 201 Section S5 and CMVSS 201 equivalent) applies to instrument panels, seat backs, interior compartment doors, sun visors, door armrests and seat armrests, and 201U (Upper Interior FMVSS 201 Sections S6 – S10) applies to the pillars, seat belt anchorages located on a pillar, front header, side roof rails, rear header, upper roof, sliding door track and door frames.

201L (Lower Interior, FMVSS 201 Section S5 and CMVSS 201 equivalent)

TYPE 1 The following statement is applicable to all models 4536 kg (10,000 lb) GVWR or less types of incomplete vehicles contained in this document (unless otherwise noted on the cover)

This incomplete vehicle, when completed, will conform to 201L (Lower Interior, FMVSS 201 Section S5 and CMVSS 201 equivalent), providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- Air bag system
- Armrests, folding and stationary
- Body structure
- Center console
- Center console compartment door (if equipped)
- Door trim
- Door structure
- DVD rear entertainment system
- Headliner
- Instrument panel
- Interior compartment doors
- Interior door panel armrests
- Overhead console
- Seats
- Seats (if equipped with folding armrest)
- Seats, seat backs, and head restraints
- Sun visor mounts
- Sun visors
- Upper interior trim

201L (Lower Interior, FMVSS 201 Section S5 and CMVSS 201 equivalent)

TYPE 3 The following statement is applicable to all models 4536 kg (10,000 lb) GVWR or less types of incomplete vehicles contained in this document with respect to any seats, seat belts or seat assembly anchorages installed by the intermediate or final stage manufacturer (unless otherwise noted on the cover).

Conformity with 201L (Lower Interior, FMVSS 201 Section S5 and CMVSS 201 equivalent), cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard**.**

This Statement is Applicable to All Incomplete Vehicles

201U (Upper Interior FMVSS 201 Sections S6 – S10)

TYPE 1 The following statement is applicable to all incomplete vehicles contained in this document (unless otherwise noted on the cover)

This incomplete vehicle, when completed, will conform to 201U (Upper Interior FMVSS 201 Sections S6 – S10), providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- A, B, C pillar structure
- Assist handles
- Door trim
- Door structure
- Front seat air bags
- Instrument panel
- Overhead interior compartment doors
- Overhead lighting and console
- Roof structure
- Roof rail airbag system

Front seat adjusters
Headliner
Sensing diagnostic module (SDM)
Sun visors
Upper interior trim

NOTE: Compliance to FMVSS 201, Section S6 – S10, requires trim and energy absorbing countermeaures either built into or underneath the headliner, garnish moldings, D-Ring covers, door trim and other interior trim components.

Applicable to Any Items Installed by the Upfitter

201U (Upper Interior FMVSS 201 sections S6 – S10)

TYPE 3 The following statement is applicable to any items installed such as Bulkhead divider, Cargo Racks, etc., on incomplete vehicles contained in this document.

Conformity with 201U (Upper Interior FMVSS 201 sections S6 – S10), cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard**.**

CMVSS 202 and FMVSS 202A – HEAD RESTRAINTS
Applies to all types of Incomplete Vehicles Contained in this Document 4536 kg (10,000 lb) GVWR or less

TYPE 1 The following statement is applicable ALL seating positions.

This incomplete vehicle, when completed, will conform to CMVSS 202 and FMVSS 202A providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below

Seat assemblies equipped with head restraints
Owner Manual instructions

CMVSS 203 and FMVSS 203 – IMPACT PROTECTION FOR THE DRIVER FROM THE STEERING CONTROL SYSTEM
Applies to all types of Incomplete Vehicles Contained in this Document with a 4536 kg (10,000 lb) GVWR or less

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 203 and FMVSS 203 provided the Maximum Completed Unloaded Vehicle Weights shown in Mass Table A at the beginning of this document are not exceeded, and no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

Driver's seat assembly
Instrument panel
Steering control system including related hardware
Steering wheel, column, and shaft

CMVSS 204 and FMVSS 204 – STEERING CONTROL REARWARD DISPLACEMENT
Applies to all types of Incomplete Vehicles Contained in this Document with a 4536 kg (10,000 lb) GVWR or less and an unloaded vehicle weight of 2495 kg (5,500 lb) or less

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover), with a 4536 kg (10,000 lb) GVWR or less and an unloaded vehicle weight of 2495 kg (5,500 lb) or less (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 204 and FMVSS 204 provided the Maximum Completed Unloaded Vehicle Weights shown in Mass Table A at the beginning of this document are not exceeded, and no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below that would affect the steering control system displacement in a 48 kph (30 mph) fixed barrier impact:

- Front impact bar assembly and mounting system
- Hood and hinge assemblies
- Propulsion system and drive unit mounting system
- Steering control system including related hardware
- Steering wheel, column, and shaft assembly
- Tires and wheels
- Vehicle/body front-end sheet metal components
- Vehicle/body front-end structural components
- Vehicle/body roof structure and components

CMVSS 205 and FMVSS 205 – GLAZING MATERIALS
Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 205 and FMVSS 205 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- Glazing material
- Monogram
- Visibility of the monogram
- Windshield shade banding

Final compliance with CMVSS 205 and FMVSS 205 is the responsibility of the final stage manufacturer for any modifications, or added material, parts, components, or systems.

CMVSS 206 and FMVSS 206 – DOOR LOCKS AND DOOR RETENTION COMPONENTS
Applies to all types of Incomplete Vehicles contained in this Document with a 4536 kg (10,000 lb) GVWR or less

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document, with a 4536 kg (10,000 lb) GVWR or less (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 206 and FMVSS 206 provided no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

Door and pillar systems, including but not limited to:

Body rear end upper and lower panel
Door hinges
Door latch strikers and striker plates
Door latches
Door locks
Door pillars
Door wedges
Doors
Exterior door handles
Inside lock control linkages
Rear hatch latch and striker assembly
Rear hatch assembly
Rear hatch hinge assembly

Final compliance with CMVSS 206 and FMVSS 206 is the responsibility of the final stage manufacturer for any modifications, or added material, parts, components, or systems.

CMVSS 207 and FMVSS 207 – SEATING SYSTEMS
Applies to all types of Incomplete Vehicles Contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 207 and FMVSS 207 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Floor pan assemblies
Folding seat or seat back latch assembly
Seat adjuster assembly
Seat anchorage brackets, reinforcements, attachment hardware, etc.
Seat assembly
Seat or seat back latch assembly
Seat or seat back latch release control
Seat or seat back latch striker
Seat riser

Final compliance with CMVSS 207 and FMVSS 207 is the responsibility of the final stage manufacturer for any modifications, or added material, parts, components, or systems.

CMVSS 208 and FMVSS 208 – OCCUPANT CRASH PROTECTION
Applies to all types of Incomplete Vehicles Contained in this Document with a 3856 kg (8,500 lb) GVWR or less and an unloaded vehicle weight of 2495 kg (5,500 lb) or less

TYPE 2 The following statement is applicable to all seating positions in all types of incomplete vehicles contained in this document with the General Motors allowable unloaded vehicle weight of 2495 kg (5,500 lb) or less and a GVWR of 3856kg (8,500 lb) or less (unless otherwise noted on the cover).

The front seating positions provided by General Motors will conform to the requirements of CMVSS 208 and FMVSS 208, providing the Unloaded Vehicle Weight specified in Mass Table A that appears at the beginning of this document is not exceeded, and no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

1. The number, location or configuration of the designated seating positions.

2. The number, placement, installation or model number of the seat belt assemblies provided.

3. The owner manual instructions, the instrument panel or its mounting, the steering column/shaft or its mounting, the knee bag or its mounting, the steering wheel, horn pad, driver air bag module or its mounting and covering, passenger airbag module or its mounting or covering (if equipped), air bag crash sensors. **Note: For the "Passenger Sensing System" modifying or putting a padded cover on the passenger seat can affect the performance of this system.**

4. Sensor Diagnostic Module (SDM) and all air bag system wiring. Do not relocate or move the SDM, or airbag crash sensors. Do not obstruct the path of air bag deployment. Do not mount any components that produce more than a 20 Gauss magnetic field as measured at the SDM. Speakers/*magnets* must be located at least 12.7 cm (5 in) from the SDM. You must disconnect the SDM before doing any welding on the vehicle, otherwise do not disconnect the SDM. **Caution: To help avoid Personal Injury Due to unwanted air bag inflation, observe the following precautions!** Do not weld, solder, braze, hammer, machine, drill, heat, electrical splice, add onto, remove, relocate, test, paint, loosen or in any way alter air bag components or wiring or fuses. Carpet may be put over the SDM if an appropriate moisture barrier (such as a rubber-matted backing) is supplied. When performing any operation around air bag components or wiring, including but not limited to any operations around the instrument panel, electrical wiring and fuse block, steering column/wheel, and the engine compartment, you must disable the air bag system prior to the operation. If the vehicle is equipped with an SDM, you must disable the air bag system prior to installing intermediate or final stage manufacturer components. *Note: Striking or dropping a powered SDM may cause air bag deployment.* The air bag system must be enabled after operation completion. This must be verified before shipping the vehicle. Instructions for disabling and enabling the air bag system can be found in the GM service manual. **Note: All connectors that have wiring routed between the SDM and an air bag inflator module have yellow connectors.**

5. If the sun visor is removed or altered, or if the intermediate or final stage manufacturer installs the sun visor, a new Inflatable Restraints System Caution label must be installed per CMVSS 208 and FMVSS 208 requirements. In order to be in compliance with CMVSS 208 and FMVSS 208 no other label shall be installed on the same side of the sun visor as the Air Bag Caution label. The instrument panel temporary warning label must not be removed.

6. The vehicle frame, front bumper system, front sheet metal or other front structure, roof structure, doors, floor pan, dash panel, cowl structure, driveline or contents of the engine compartment by any incomplete or final stage manufacturer which would result in any difference from the modified vehicle's deceleration if the modified vehicle were to be subjected to barrier impact tests conducted per CMVSS 208 and FMVSS 208.

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document with respect to any seats, seat belt assemblies or seat belt assembly anchorages installed by the intermediate or final stage manufacturer (unless otherwise noted on the cover).

Conformity with CMVSS 208 and FMVSS 208 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard**.**

CMVSS 209 and FMVSS 209 – SEAT BELT ASSEMBLIES
Applies to all types of Incomplete Vehicles Contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

The seat belt assembly provided by General Motors when mounted to its original attachments locations at any designated seating position, will conform to CMVSS 209 and FMVSS 209 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Owner Manual instructions
Seat anchorages
Seat assemblies
Seat belt anchorages
Seat belt assemblies

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document with respect to any seats, seat belt assemblies or seat belt assembly anchorages installed by the intermediate or final stage manufacturer (unless otherwise noted on the cover).

Conformity with CMVSS 209 and FMVSS 209 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard**.**

CMVSS 210 and FMVSS 210 – SEAT BELT ASSEMBLY ANCHORAGES
Applies to all types of Incomplete Vehicles Contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 210 and FMVSS 210 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- B and C pillar structures
- Child restraint system including lower and top tether anchorages, seat brackets, plates and reinforcements
- Floor pan assembly
- Owner Manual instructions
- Roof structure
- Seat assemblies
- Seat belt assemblies
- Seat belt anchorage brackets, plates, and reinforcements
- Seat belt routing
- Seat position/adjustment capability

CMVSS 210.1 – USER-READY TETHER ANCHORAGES FOR RESTRAINT SYSTEMS AND BOOSTER SEATS
Applies to all types of Incomplete Vehicles Contained in this Document
3855 kg (8,500 lb) GVWR or less

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document with seats installed by General Motors (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 210.1 provided the original equipment seats are not replaced, no seating positions are removed or added, and no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- Child restraint system including top tether anchorages, seat brackets, plates and reinforcements
- Access to top tether anchorage systems
- Floor pan assembly
- Head restraints/head rests
- Owner Manual instructions
- Seat assemblies
- Seat belt assemblies
- Seat belt anchorage brackets, plates, and reinforcements
- Seat belt routing
- Seat position/adjustment capability

If a load floor is installed that covers the top tether anchors, access to the top tether anchors must be provided and any anchor covers that are part of the access location(s) must be labeled with the top tether anchor symbol.

Note: Any bulk head divider, load floor or other items must provide routing for a child tether.

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document with seat or seat belt delete options in any seating position (unless otherwise noted on the cover).

Conformity with CMVSS 210.1 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard**.**

CMVSS 212 and FMVSS 212 – WINDSHIELD MOUNTING
Applies to all types of Incomplete Vehicles Contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document with a 4536 kg (10,000 lb) GVWR or less (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 212 and FMVSS 212 providing the Unloaded Vehicle Weight specified in Mass Table A that appears at the beginning of this document is not exceeded and if no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

Air bag crash sensors
Air bag system including covers and module
Air bag system wiring harnesses, connectors, and fuses/relays
Dash panel and cowl assembly
Doors and hinge assemblies
Frame assembly and mounting system
Front impact bar assembly and mounting system
Hood and hinge assemblies
Powertrain and powertrain mounting system
Seat anchorages
Seat assemblies
Seat belt anchorages
Seat belt assemblies
Sensor Diagnostic Module (SDM) and retainers/brackets
Steering control system including related hardware
Steering wheel, column, and shaft assembly
Sun visor assemblies
Vehicle/body front sheet metal components/reinforcements
Vehicle/body front structural components/reinforcements
Vehicle/body roof structure and components
Windshield and windshield mounting system
Windshield frame/frame reinforcement

CMVSS 213.4 and FMVSS 213 – BUILT-IN CHILD RESTRAINT SYSTEMS AND BUILT-IN BOOSTER CUSHIONS
Applies to all types of Incomplete Vehicles contained in this Document

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

Conformity with CMVSS 213.4 and FMVSS 213 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

CMVSS 214 and FMVSS 214 – SIDE IMPACT PROTECTION
Applies to all types of Incomplete Vehicles contained in this Document 4536 kg (10,000 lb) GVWR or less – Static 4536 kg (10,000 lb) GVWR or less – Dynamic (Oblique Vehicle to Pole Impact) 2722 kg (6,000 lb) GVWR or less – Dynamic (Side Moving Deformable Barrier)

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document with the General Motors allowable unloaded vehicle weight of 2400 kg (5,290 lb) or less (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 214 and FMVSS 214 providing the Unloaded Vehicle Weight specified in Mass Table A that appears at the beginning of this document is not exceeded and if no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

- Air bag crash sensors
- Air bag system including covers and module
- Air bag system wiring harnesses, connectors, and fuses/relays
- Body roof structure and components
- Body sheet metal components/reinforcements
- Door assemblies
- Door hinges
- Door latch mechanisms
- Door latch strikers and striker plates
- Door latches
- Door pillars
- Door trim panels
- Door wedges
- Door window mechanisms
- Frame
- Seat airbags
- Seat anchorages
- Seat assemblies and adjusters
- Seat belt anchorages
- Seat belt assemblies
- Sensor Diagnostic Module (SDM) and retainers/brackets
- Side curtain airbag system (if equipped)
- Upper interior trim including headliner

CMVSS 216 and FMVSS 216a – ROOF CRUSH RESISTANCE
Applies to all types of Incomplete Vehicles contained in this Document with a 4536 kg (10,000 lb) GVWR or less

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document with a 4536 kg (10,000 lb.) GVWR or less (unless otherwise noted on cover).

A. This incomplete vehicle conforms to CMVSS 216 and FMVSS 216a providing the Unloaded Vehicle Weight specified in Mass Table A that appears at the beginning of this document is not exceeded and if no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- A, B, C pillar structure
- Air bag system
- Antennae
- Assist handles
- Body roof structure and components/reinforcements
- Body sheet metal components/reinforcements
- Body structural components/reinforcements
- Dash panel and cowl structure
- Door pads
- Door structure
- Front, rear and side glazing materials and mounting
- Headliner
- Headliner
- Hood assembly
- Hood mounts
- Instrument panel
- Interior compartment doors
- Motor compartment structure and components
- Roof Structure
- Seat adjusters
- Seats, seat backs and head restraints
- Structural components and door assemblies
- Sun visors
- Upper interior trim
- Windshield and windshield frame

CMVSS 219 and FMVSS 219 – WINDSHIELD ZONE INTRUSION
Applies to all types of Incomplete Vehicles contained in this Document with a 4536 kg (10,000 lb) GVWR or less

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

A. This incomplete vehicle, when completed, will conform to CMVSS 219 and FMVSS 219 providing the Unloaded Vehicle Weight specified in Mass Table A that appears at the beginning of this document is not exceeded and if no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems including but not limited to those listed below:

- Antennae
- Body roof structure and components/reinforcements
- Body sheet metal components/reinforcements
- Body structural components/reinforcements
- Dash panel and cowl structure
- Front, rear and side glazing materials and mounting
- Hood assembly
- Hood mounts
- Motor compartment structure and components
- Windshield wiper
- Windshield wiper motor

B. During a 48 kph (30 mph) frontal barrier impact test:

1. No component installed by any intermediate or final stage manufacturer shall prevent the hood from folding in its designed folding pattern; and

2. No component installed by any intermediate or final stage manufacturer shall penetrate the windshield or protected zone.

CMVSS 220 and FMVSS 220 – SCHOOL BUS ROLLOVER PROTECTION
For all types of Incomplete Vehicles Contained in this Document using CMVSS 220 or FMVSS 220 as an Alternative Compliance procedure for CMVSS 216 or FMVSS 216a

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

Conformity with CMVSS 220 and FMVSS 220 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard**.**

FMVSS 225 – CHILD RESTRAINT ANCHORAGE SYSTEMS
Applies to all types of Incomplete Vehicles Contained in this Document 3855 kg (8,500 lb) GVWR or less

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document with seats installed by General Motors (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to FMVSS 225 provided the original passenger seat is not replaced, no seating positions are removed or added, and no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- Child restraint system including top tether anchorages, seat brackets, plates and reinforcements
- Access to top tether anchorage systems
- Floor pan assembly
- Head restraints/head rests
- Owner Manual instructions
- Seat assemblies
- Seat belt assemblies
- Seat belt anchorage brackets, plates, and reinforcements
- Seat belt routing
- Child restraint tether routing
- Seat position/adjustment capability

If a load floor is installed that covers the top tether anchors, access to the top tether anchors must be provided and any anchor covers that are part of the access location(s) must be labeled with the top tether anchor symbol.

Note: Any bulk head divider, load floor or other items must provide routing for a child tether.

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document if the passenger seat or seat belt is modified or removed (unless otherwise noted on the cover).

Conformity with FMVSS 225 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard**.**

CMVSS 226 and FMVSS 226 – EJECTION MITIGATION
Applies to all types of Incomplete Vehicles Contained in this Document 4536 kg (10,000 lb.) GVWR or less

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document, 4536 kg (10,000 lb.) GVWR or less (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to CMVSS 226 and FMVSS 226 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- A, B, C pillar structure
- Air bag system
- Assist handles
- Body structure
- Door pads
- Door structure
- Headliner
- Instrument panel
- Roof rail air bag
- Roof structure
- Seat adjusters
- Seats, seat backs and head restraints
- Seat air bag
- Sensing diagnostic module (SDM)
- Sunvisors
- Upper interior trim
- Window Glazing

CMVSS 302 and FMVSS 302 - FLAMMABILITY OF INTERIOR MATERIALS
Applies to all types of Incomplete Vehicles contained in this Document

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed will conform to CMVSS 302 and FMVSS 302 providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

- All trim panels including door, front, rear and side panels
- Arm rests
- Instrument panel
- Seat assemblies
- Seat backs

Compartment shelves
Console
Engine compartment covers
Floor coverings
Head restraints
Headlining
Seat belts
Seat cushions
Shades
Sun visors
Wheel housing covers

NOTE: The list above also includes any other interior materials, such as padding and crash-deployed elements that are designed to absorb energy on contact by occupants in the event of a crash.

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover). Any items installed by the intermediate or final stage manufacturer must also meet the requirements of CMVSS 302 and FMVSS 302.

Conformity with CMVSS 302 and FMVSS 302 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard.

CMVSS305 and FMVSS305 – ELECTRIC-POWER VEHICLES: ELECTROLYTE SPILLAGE AND ELECTRICAL SHOCK PROTECTION
Applies to all types of Incomplete Vehicles contained in this Document

Type 2 The following statement is applicable to all types of incomplete vehicles contained in this document

This incomplete vehicle, when completed, will conform to CMVSS 305 and FMVSS 305 providing it is completed in accordance with the following specific conditions by the (intermediate and) final stage manufacturer:

A. The following items when installed by General Motors will conform providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below:

Charge connector
Electric propulsion system
Electrical protection barriers
Emergency Cut-Off Swith
Fuse Panels
High Powered Electronics (single power inverter module, auxillary power module, high powered distribution module, onboard charge module, electric heater, electric compressor, etc.)
High voltage wiring
High voltage warning labels
High voltage battery
Low voltage battery
Power Distribution System
Power converter
Service disconnect

B. Maximum Completed Unloaded Vehicle Weights shown in Mass Table A at the beginning of this document are not exceeded.

C. If a load floor is installed that covers the battery service disconnect, access to the battery service disconnect must be provided.

.

FMVSS 403 – PLATFORM LIFT SYSTEMS
Applies to all types of Incomplete Vehicles contained in this Document

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

Conformity with FMVSS 403 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard**.**

FMVSS 404 – PLATFORM LIFT INSTALLATIONS IN MOTOR VEHICLES
Applies to all types of Incomplete Vehicles contained in this Document

TYPE 3 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

Conformity with FMVSS 404 cannot be determined based upon the components supplied on the incomplete vehicle, and General Motors makes no representation to conformity with the standard**.**

PART II

U.S. EPA, CALIFORNIA, AND CANADIAN EXHAUST & EVAPORATIVE EMISSION REQUIREMENTS AND EPA/NHTSA GREENHOUSE GAS EMISSIONS/FUEL ECONOMY REGULATIONS

Incomplete vehicles come in three major classifications: (1) Light Duty Vehicles, Light Duty Trucks, and Heavy Duty Vehicles (Including Medium Duty in California) are certified by the primary manufacturer and the vehicle is labeled as being in compliance with emission and fuel economy requirements. (2) Heavy Duty Vehicles are required to have an engine certified by the engine manufacturer and bear an engine emissions label, and if a gasoline vehicle, bear an evaporative emissions label. (3) Light Duty Vehicles certified and labeled by the intermediate or final stage vehicle manufacturer as being in compliance with emission and fuel economy requirements.

In addition, all gasoline/gasoline-ethanol blend powered Federal/California Light Duty, Medium Duty and Heavy Duty Vehicles are required to have an approved fuel evaporative emission control system. Vehicles certified to Heavy Duty gasoline emission standards also require special evaporative emission labeling. In order to assure that Environmental Protection Agency (EPA), National Highway Traffic Safety Administration (NHTSA), California and Canada Emission Certification and/or Greenhouse Gas/Fuel Economy regulations are met, this vehicle must be completed in strict accordance with all instructions contained in this manual, especially the following instructions which relate to:

EMISSION RELATED COMPONENTS

TYPE 1 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

A. This incomplete vehicle, when completed, will conform to U.S. EPA, CALIFORNIA, AND CANADIAN EXHAUST & EVAPORATIVE EMISSION REQUIREMENTS AND EPA/NHTSA GREEENHOUSE GAS EMISSIONS/FUEL ECONOMY REGULATIONS providing the vehicle is completed in strict accordance with all statements included in this document, especially those that relate to: "EMISSION RELATED COMPONENTS, and no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the components, assemblies or systems, as manufactured by General Motors, including but not limited to those listed below (if equipped):

- Battery System, including but not limited to: Vehicle Integration Control Module (VICM)
- Brake System
- Components for Front Wheel Drive (FWD) System: half shaft
- Drive Unit, including, but no limited to: gearing, and electric motor
- Engine Electronics, including, but not limited to: Engine Control Module (ECM)
- Tires and Wheels
- Transaxle/Transmission Assembly
- Transaxle/Transmission Electronics, including, but not limited to: calibrations/software, Single Power Inverter Module (SPIM)

B. The front and rear tires pressures must be inflated to the values shown in the FUEL ECONOMY AND EMISSIONS TABLE that appears below.

C. The Frontal Area and Vehicle Test Weight shown in the FUEL ECONOMY AND EMISSIONS TABLE that appears below must not be exceeded.

D. This incomplete vehicle, when completed, will have an estimated fuel economy range value determined in accordance with 40 CFR Part 600. This value is displayed on a fuel economy label prepared in accordance with the United States Environmental Protection Agency's fuel economy regulations by General Motors and furnished with this vehicle.

This incomplete vehicle, when completed, must not exceed the "Maximum Completed Vehicle Curb Weight" in the FUEL ECONOMY AND EMISSIONS TABLE shown below. To do so will invalidate the

fuel economy value determined by the GM Propulsion system – Emission Compliance and Certification Group, General Motors, and the emissions certification issued by the United States Environmental Protection Agency or the state of California, where applicable.

This incomplete vehicle, when completed, must not exceed the maximum body frontal area, listed below (specific per vehicle), and must not exceed the total Road Load Horsepower (RLHP) setting, listed below (per vehicle and weight class). To do so will invalidate the fuel economy value determined by the GM Propulsion system – Emission Compliance and Certification Group, General Motors and the emissions certification issued by the United States Environmental Protection Agency or the state of California where applicable. RLHP setting and measuring procedures are described in Mobile Source Air Pollution Control Advisory Circular number 55c, for twin roll dynamometer procedures and EPA's Dear Manufacturer guidance letter VPCD-98-16 for single roll procedures, both of which are available from the United States Environmental Protection Agency.

FUEL ECONOMY AND EMISSIONS TABLE

Incomplete Vehicle Type	GM Tire Size	Cold Tire Pressure Front		Cold Tire Pressure Rear		Frontal Area		RLHP Setting		Vehicle Test Weight Class		Maximum Completed Vehicle Curb Weight	
		psi	kpa	psi	kpa	ft^2	m^2	hp	kw	kg	lb	kg	lb
K1T	205-55-R16	38	262	38	262	25.9	2.408	12.0	8.9	1928	4250	1848	4075

NOTES: The "Vehicle Test Weight" (shown above) includes the weight of a vehicle with standard equipment, oil, lubricants, coolant also including 136 kg (300 lb) to allow for the weight of two 68 kg (150 lb) passengers.

"Maximum Completed Vehicle Curb Weight" (shown above) is defined as the weight of a "completed vehicle" with standard equipment, oil, lubricants, and coolant. Note: This definition may differ from definitions used by governmental regulatory agencies.

SPECIFICATION FOR FILL PIPES AND OPENINGS OF 2016 AND SUBSEQUENT MODEL MOTOR VEHICLE FUEL TANKS (APPLICABLE ONLY TO CALIFORNIA GASOLINE/GASOLINE-ETHANOL BLEND POWERED VEHICLES)

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to Title 13, California Code of Regulations Section 2235, and the "Specifications for Fill Pipes and Openings of 2015 and subsequent Model Year Motor Vehicle Fuel Tanks", dated March 22, 2012, providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the fuel filler neck.

LABELS

TYPE 2 The following statement is applicable to all types of incomplete vehicles contained in this document (unless otherwise noted on the cover).

This incomplete vehicle, when completed, will conform to U.S. EPA, CALIFORNIA, AND CANADIAN EXHAUST & EVAPORATIVE EMISSION REQUIREMENTS AND EPA/NHTSA GREENHOUSE GAS EMISSIONS/FUEL ECONOMY REGULATION labeling requirements providing no alterations are made which affect the function, physical, chemical, or mechanical properties, environment, location or vital spatial clearances of the Emission Control related Information Labels that are permanently affixed. The labels are required by government regulation and must not be obstructed from view or defaced to impair their visibility or legibility. In addition, an EPA/DOT Fuel Economy and Environment Label may be affixed to the window glass of the incomplete vehicle as manufactured by General Motors. If equipped, the label must remain in place until the ultimate customer receives this vehicle.

NOTES